Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Interactive Map of the Impacts of Climate**

*Introduction:* The changing climate has both negative and positive impacts for human beings and other organisms. In this project we will be creating an interactive map showing where climate change has impacted living things on Earth.

**Your Task:** Using the National Geographic Mapmaker Interactive you will create a map with several markers that show where climate change has impacted various places on Earth. This is a continuation of looking at the impact of climate change on terrestrial and aquatic environments.

You must find and summarize 5 articles about a place on Earth experiencing changes from the following list of topics and mark them on your map. Each marker should be placed on the correct location on the map, and each summary must indicate where the marker is supposed to be located. You must include the link to the article you summarize.

|  |  |
| --- | --- |
| **Aquatic Ecosystems** | **Terrestrial Ecosystems** |
| Melting sea ice | Changing organism (Organisms spreading or dying due to changes in climate) |
| New food chains (such as new organisms moving into new areas) | Melting land ice |
| Warmer oceans | New deserts |
| Rising sea Levels | More flooding |
| More violent storms | Effects on human health |

Each of your articles will be evaluated using the following scale:

|  |  |  |
| --- | --- | --- |
| **Article Number** | **Correct Geographic Location (APP)** | **Summary of article highlights key points (COM)** |
| 1 | 1 – Miss, 2 – Close, 3 – Exact | 1 – Poor, 2 – Good, 3 – Excellent |
| 2 | 1 – Miss, 2 – Close, 3 – Exact | 1 – Poor, 2 – Good, 3 – Excellent |
| 3 | 1 – Miss, 2 – Close, 3 – Exact | 1 – Poor, 2 – Good, 3 – Excellent |
| 4 | 1 – Miss, 2 – Close, 3 – Exact | 1 – Poor, 2 – Good, 3 – Excellent |
| 5 | 1 – Miss, 2 – Close, 3 – Exact | 1 – Poor, 2 – Good, 3 – Excellent |

*Scale description:*

*Correct Geographical Location:*

*Miss – Your marker is located a significant distance away from the actual location.*

*Close – Your marker is reasonably close to the actual location.*

*Exact – Your marker is precisely on the location.*

*Summary of article highlights key points*

*Poor – Your summary fails to address several key points in the article.*

*Good – Your summary addresses most of the key points in the article.*

*Excellent – Your summary addresses all of the key points in the article.*

/15 APP /15 COM